

11/16/00
Dialog

File 350:Derwent WPIX 1963-2000/UD,UM &UP=200058

(c) 2000 Derwent Info Ltd

File 347:JAPIO Oct 1976-2000/Jun(UPDATED 001012)

(c) 2000 JPO & JAPIO

?ds

Set	Items	Description
S1	6082	(NETWORK? OR ONLINE OR ON()LINE OR INTERNET OR WEB OR WWW OR ONLINE OR ON()LINE OR INTERACTIVE? OR NET OR ELECTRONIC OR E OR CYBER OR NET OR W3)(3N) (COMMERC? OR TRADING? OR SALE? ? OR SHOP? OR RETAIL? OR MERCHANDIS?)
S2	612	(ORDER? OR TRANSACTION OR TRADING? OR PAYMENT?) (3N) (IDENTIFIER? OR ID)
S3	45	S2 (15N) (COMPARE? OR MATCH? OR MISMATCH? OR CONTRAST? OR COINCID?)
S4	22618	IC=G06F-017/60
S5	3	S1 AND S3
S6	7	S3 AND S4 NOT S5
S7	44233	WARNING OR WARN?? OR CAUTION OR ADMONI? OR ERROR? (3N)(MESSAGE? OR NOTICE?)
S8	1	S7 AND S2 AND (S1 OR S4) NOT (S5 OR S6)
S9	7377	(ELECTRONIC OR E)(2N)MAIL OR EMAIL
S10	195	S9 (15N) (COMPARE? OR MATCH? OR MISMATCH? OR CONTRAST? - OR COINCID? OR S7)
S11	2	S10 AND S1 NOT (S5 OR S6)
S12	32503	(ORDER? OR TRANSACTION OR TRADING? OR PAYMENT?) (3N) (EXECUT? OR FULFILL? OR PROCESS? OR PERFORM? OR COMPLETE? OR CARR???(OUT OR THROUGH) OR RENDER?)
S13	130	S12 AND S1 AND S4
S14	11	S13 AND (STATUS OR HISTOR?)
S15	61194	(ORDER? OR TRANSACTION OR TRADING? OR PAYMENT?) (10N) (SAVE? OR RECORD? OR INPUT? OR STORE? OR STORI? OR MEMOR? OR STORA?)
S16	41	S13 (30N) S15 NOT (S5 OR S6 OR S11 OR S14)
S17	1059215	COMPAR? OR MATCH? OR MISMATCH? OR CONTRAST? OR COINCID?
S18	5	S16 AND (S2 OR S7 OR S9 OR S17)

All considered

5/3,IC,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013120642

WPI Acc No: 2000-292513/200025

Related WPI Acc No: 2000-224820; 2000-292512

XRPX Acc No: N00-219381

Method of protecting against manipulation data processing system for trading stocks by matching buy and sell orders by assigning identifier to each user so as to identify when one or more users are acting to manipulate stock prices

Patent Assignee: MARKETXT INC (MARK-N)

Inventor: CHOE E; HERMUS M W; LEONG S; SATOW M

Number of Countries: 087 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200011588	A1	20000302	WO 99US18768	A	19990820	200025 B
AU 9957775	A	20000314	AU 9957775	A	19990820	200031

Priority Applications (No Type Date): US 9897414 A 19980821

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200011588	A1	E	31	G06F-017/60
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9957775	A	G06F-017/60	Based on patent WO 200011588
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International Patent Class (Main): G06F-017/60

Method of protecting against manipulation data processing system for trading stocks by matching buy and sell orders by assigning identifier to each user so as to identify when one or more users are acting to manipulate stock prices

Abstract (Basic):

... identifiers to the two parties. Users (10) of the system and the trades they make are monitored to detect manipulation using a matching engine (32), e.g. round robin sales and purchases, and when manipulation is detected no further trades are made for the users involved due to the action of an anti-manipulation component...

5/3,IC,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011871999

WPI Acc No: 1998-288909/199826

XRPX Acc No: N98-227214

Electronic commerce support method for managing trading in client connected to server - involves comparing trading identifier included in trading information with trading identifier included in trading processing information and outputting warning if they are not coincident

Patent Assignee: HITACHI LTD (HITA)

Inventor: ONO T; YASUNOBU C

Number of Countries: 026 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 845749	A2	19980603	EP 97309541	A	19971126	199826 B
JP 10162066	A	19980619	JP 96317439	A	19961128	199835
KR 98042911	A	19980817	KR 9764026	A	19971128	199938

Priority Applications (No Type Date): JP 96317439 A 19961128

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 845749	A2 E	27	G06F-017/60	
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI

LT LU LV MC MK NL PT RO SE SI

JP 10162066	A	16	G06F-017/60	
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KR 98042911	A		G06F-017/60	
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International Patent Class (Main): G06F-017/60

Electronic commerce support method for managing trading in client connected to server...

...involves comparing trading identifier included in trading information with trading identifier included in trading processing information and outputting warning if they are not coincident

...Abstract (Basic): The method involves transmitting an order for a product on the **electronic commerce** in response to an input by a user to the server through a communication **network** . **Trading** information including a trading identifier associated with the order and data on the contents of the order are received from the server, and stored in...

...order, a present status of processing for delivery of the product corresponding to the order, a present status of processing for payment processing for the **trading** , and the **trading identifier** (113). The **trading identifier** included in the **trading** information is compared with the **trading identifier** included in the **trading** processing information. A warning is outputted if they are not **coincident** , and the trading processing information is added to the trading information stored in the storage device if they are coincident (118...

...ADVANTAGE - Efficiently manages and utilises **trading** information for on -line **shopping** .

5/3,IC,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011738844

WPI Acc No: 1998-155754/199814

XRPX Acc No: N98-124380

Inaccurate IC card usage prevention system for commercial transaction using e.g. credit card - prevents execution of commercial transaction when registered IC card ID number is found to be incorrect based on ID number comparison result from processing unit

Patent Assignee: HITACHI GAZO JOHO SYSTEM KK (HITA-N); HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10027206	A	19980127	JP 96180394	A	19960710	199814 B

Priority Applications (No Type Date): JP 96180394 A 19960710

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10027206	A		14	G06F-019/00	

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06F-017/60; G06K-017/00;

G07D-009/00; G07F-007/08

Inaccurate IC card usage prevention system for commercial transaction using e.g. credit card...

...Abstract (Basic): The electronic terminal equipment also includes a processing unit (18) which **compares** a predetermined ID number with the registered **ID** number. A commercial **transaction**, corresponding to the usage of the IC card, is not performed when the registered ID number is found to be incorrect according to the comparison...

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6/3,IC,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013084180
WPI Acc No: 2000-256052/200022
XRPX Acc No: N00-190381

**Secure monetary value transferring system using e.g. wireless telephone,
has decrypter that decrypts transaction number and stores it in memory
along with payment data if number is not prestored**

Patent Assignee: XICO INC (XICO-N)
Inventor: RECCIA R; SMITH A C
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6039247	A	20000321	US 97994390	A	19971219	200022 B

Priority Applications (No Type Date): US 97994390 A 19971219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6039247	A		8	G06F-017/60	

International Patent Class (Main): **G06F-017/60**

Abstract (Basic):

... receiving device (12) e.g. wireless telephone are encoded with
payment data and sent to receiving device. Here, data is decrypted and
unique numbers are **compared** with prestored data and payment data is
written in receiving device if **transaction identifier** is not
previously included in memory.

International Patent Class (Main): **G06F-017/60**

6/3,IC,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012993599
WPI Acc No: 2000-165451/200015
XRPX Acc No: N00-123949

**Digital content inaccurate utilization monitoring method - involves
judging inaccurate utilization of digital contents based on license
definition information which acquires transaction information containing
extracted digital contents from electron watermark**

Patent Assignee: HITACHI LTD (HITA)
Inventor: KIMURA T; KOIKE H; KONDO K; NAMIOKA M; OKAYAMA N
Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000020600	A	20000121	JP 98190343	A	1998070	200015 B
CA 2276638	A1	20000106	CA 2276638	A	19990629	200025

Priority Applications (No Type Date): JP 98190343 A 19980706

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000020600	A		12	G06F-017/60	
CA 2276638	A1	E		G06F-003/00	

International Patent Class (Main): G06F-003/00; **G06F-017/60**

International Patent Class (Additional): G06F-012/14; G09C-005/00;
H04L-009/32; H04N-001/387; H04N-007/08; H04N-007/081

...Abstract (Basic): NOVELTY - The license definition information relating to utilization of digital contents are **matched** with **transaction identifier** . A monitoring unit (25) extracts digital contents from electron watermark. Based on license definition information which acquires preserved transactions, the inaccurate utilization of digital contents...

...NOVELTY - The license definition information relating to utilization of digital contents are **matched** with **transaction identifier** . A monitoring unit (25) extracts digital contents from electron watermark. Based on license definition information which acquires preserved transactions, the inaccurate utilization of digital contents...

...International Patent Class (Main): **G06F-017/60**

6/3,IC,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012783258

WPI Acc No: 1999-589484/199950

XRPX Acc No: N99-434656

Data processing system for electronic debit transactions through credit card network

Patent Assignee: MARITZ INC (MARI-N)

Inventor: ASHBY T L; CARRITHERS D C; HUFF L; JACKSON M; MCGUIRE K K; RAPP S G; RESCH K A; STONE G L; STOREY-WALLER J A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5956695	A	19990921	US 95408690	A	19950321	199950 B
			US 96620041	A	19960321	
			US 97969093	A	19971112	

Priority Applications (No Type Date): US 96620041 A 19960321; US 95408690 A 19950321; US 97969093 A 19971112

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5956695	A		18	G06F-017/60	CIP of application US 95408690 Cont of application US 96620041 Cont of patent US 5689100

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G06F-007/04; G06F-007/08

Abstract (Basic):

... A credit card network processor (104) transmits initiating account number, merchant **id** and amount of **transaction** to a filter processor (116) when a transaction is initiated. The transmitted data is **compared** with the stored data and the transaction is validated only when the data indicates authorized merchant with a unique number and with sufficient balance to...

International Patent Class (Main): **G06F-017/60**

6/3,IC,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

012521415

WPI Acc No: 1999-327521/199927

XRPX Acc No: N99-245627

Method of verifying correct delivery of mobile delivery units to lockable storage units

Patent Assignee: BECKER M (BECK-I)

Inventor: BECKER M

Number of Countries: 082 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9924924	A2	19990520	WO 98EP6671	A	19981021	199927 B
DE 19747766	A1	19990722	DE 1047766	A	19971029	199935
AU 9922664	A	19990531	AU 9922664	A	19981021	199941
EP 1025027	A2	20000809	EP 98966233	A	19981021	200039
			WO 98EP6671	A	19981021	

Priority Applications (No Type Date): DE 1047766 A 19971029

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9924924 A2 G 37 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

DE 19747766 A1 G07F-017/12

AU 9922664 A G06F-017/60 Based on patent WO 9924924

EP 1025027 A2 G B65G-001/137 Based on patent WO 9924924

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

International Patent Class (Main): B65G-001/137; **G06F-017/60** ; G07F-017/12

Abstract (Basic):

... The mobile unit **compares** the read combination of first **identifier** and **order** -related **identifier** with the previously stored combination and displays the result. After inserting the delivery unit and locking the storage unit the externally accessible order-related identifier...

...International Patent Class (Main): **G06F-017/60**

6/3,IC,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011131185

WPI Acc No: 1997-109109/199710

XRPX Acc No: N97-090234

Real-time point of sale transaction funds confirmation system - has MICR data on cheque which is transmitted on network to payor bank, which verifies account identifier and compares transaction amount with funds available

Patent Assignee: VISA INT SERVICE ASSOC (VISA-N)

Inventor: BEZY E W; CHENEVICH W

Number of Countries: 071 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9702538	A1	19970123	WO 96US11111	A	19960628	199710 B

AU 9663433 A 19970205 AU 9663433 A 19960628 199721
US 5703344 A 19971230 US 95497195 A 19950630 199807

Priority Applications (No Type Date): US 95497195 A 19950630

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9702538 A1 E 24 G06F-017/60

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE
DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
LS LU MC MW NL OA PT SD SE SZ UG

AU 9663433 A G06F-017/60 Based on patent WO 9702538

US 5703344 A 8 G06K-005/00

International Patent Class (Main): G06F-017/60 ; G06K-005/00

... has MICR data on cheque which is transmitted on network to payor bank,
which verifies account identifier and compares transaction amount
with funds available

International Patent Class (Main): G06F-017/60 ...

6/3,IC,K/6 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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06537355

PROCESSING METHOD FOR IMAGE ORDER, DEVICE USING THE METHOD AND COMPUTER
PROGRAM PRODUCT

PUB. NO.: 20-00123079 [JP 2000123079 A]

PUBLISHED: April 28, 2000 (20000428)

INVENTOR(s): SLATER WALTER CHARLES

MURRAY THOMAS JOSEPH

APPLICANT(s): EASTMAN KODAK CO

APPL. NO.: 11-151867 [JP 99151867]

FILED: May 31, 1999 (19990531)

PRIORITY: 87014 [US 87014], US (United States of America), May 29, 1998
(19980529)

INTL CLASS: G06F-017/60

INTL CLASS: G06F-017/60

ABSTRACT

... SOLUTION: An input device 306 generates the image content identifier
corresponding to the input of an operator concerning one or more images.
The image content identifier for the order of the client generated like
this is compared with prescribed different image content identifiers
preserved in the memory of computer 302 or IDM 50 by this computer 302 or
IDM 50. When the...

6/3,IC,K/7 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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05878966

ELECTRONIC TRANSACTION SUPPORTING METHOD

PUB. NO.: 10-162066 [JP 10162066 A]
PUBLISHED: June 19, 1998 (19980619)
INVENTOR(s): ONO TOSHIYUKI
YASUNOBU CHIZUKO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-317439 [JP 96317439]
FILED: November 28, 1996 (19961128)
INTL CLASS: [6] **G06F-017/60**

INTL CLASS: **G06F-017/60**

ABSTRACT

... server (111). Transaction information containing a transaction identifier against an order is received from the server and it is stored in a storage device. The **transaction identifier** of the **order** and the transaction execution situation are received from the server (112). When it is not **matched** with the **transaction identifiers** in the storage device of the client, or when non-**matching** exists between transaction information before and after update, a warning is outputted (115). When non-**matching** does not exist, the transaction execution situation against transaction information of the pertinent **transaction identifier** in the storage device is updated based on the received transaction identifier (116). The sever executes an order-receiving processing against the order in accordance...

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8/3,IC,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010671799

WPI Acc No: 1996-168753/199617

XRPX Acc No: N96-141932

**Tariff data processor for taxi - recognises absence of ID data and
prompts user to feed recognition data**

Patent Assignee: CASIO COMPUTER CO LTD (CASK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8050667	A	19960220	JP 95185062	A	19950629	199617 B

Priority Applications (No Type Date): JP 95185062 A 19950629

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8050667	A		8	G07B-013/00	

JP 8050667 A 8 G07B-013/00

International Patent Class (Main): G07B-013/00

International Patent Class (Additional): **G06F-017/60** ; G07F-007/12

...Abstract (Basic): The tariff data processor includes a card reader
writer (7). The **ID** data and **transaction** data read from the ID card
are stored in a memory. The CPU (1) checks whether the ID data is
stored in the memory or not. In the situation, the ID data is not
stored in a memory, the CPU displays an **error message** and also
prompt the operator or user to input the ID data...

International Patent Class (Additional): **G06F-017/60** ...

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11/3,IC,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012804268

WPI Acc No: 1999-610498/199952

XRPX Acc No: N99-449814

Automated search notifying method for trading on WEB

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BISDIKIAN C; DOGANATA Y N; TANTAWI A N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5974406	A	19991026	US 97914302	A	19970818	199952 B

Priority Applications (No Type Date): US 97914302 A 19970818

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5974406	A		10	G06F-017/30	

International Patent Class (Main): G06F-017/30

Automated search notifying method for trading on WEB

Abstract (Basic):

... The user notification profile is one of notification of telephone message, facsimile message or **electronic mail** message. An INDEPENDENT CLAIM is also included for automatic **matching** and scheduling system...

...For **trading** goods on **WEB** e.g. automobiles, audio/video equipment, clothes, real estate, mail order catalog services. Also like theater seat, restaurant table reservation, legal advice, insurance rate comparison etc...

11/3,IC,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012741172

WPI Acc No: 1999-547289/199946

XRPX Acc No: N99-406449

Electronic mail apparatus used in e.g. school, commercial enterprises
- has mail server which determines whether sender of received e-mail is registered, and automatically registers recipient of e-mail when received e-mail content is identical to recorded e-mail content

Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11239168	A	19990831	JP 9840709	A	19980223	199946 B

Priority Applications (No Type Date): JP 9840709 A 19980223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11239168	A		5	H04L-012/54	

International Patent Class (Main): H04L-012/54

International Patent Class (Additional): G06F-013/00; H04L-012/58

Electronic mail apparatus used in e.g. school, commercial enterprises

...

...Abstract (Basic): NOVELTY - A mail server (1) determines whether the **electronic mail (e -mail)** sender is registered into a management device (11), and **compares** the content of the received **e -mail** with the **e -mail** recorded in a memory (2). The recipient of the electronic mail is automatically registered into a management device (12), when identical e-mail content is...

...USE - For **e .g. school, commercial enterprises...**

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14/3,IC,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013254789

WPI Acc No: 2000-426672/200037

XRPX Acc No: N00-318299

Data registration using electronic mail involves registering objective data after comparing two authentication data

Patent Assignee: NTT DATA TSUSHIN KK (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000148845	A	20000530	JP 98313728	A	19981104	200037 B

Priority Applications (No Type Date): JP 98313728 A 19981104

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000148845	A	8	G06F-017/60	

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-013/00; G06F-015/00;
G09C-001/00; H04L-009/32

Abstract (Basic):

... The e-mail address and the registration objective data are sent to data registration apparatus (10) which is connected to the data network through a www server. The first...

... For registering data into server for online shopping .

International Patent Class (Main): G06F-017/60

14/3,IC,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013178367

WPI Acc No: 2000-350240/200030

XRPX Acc No: N00-262444

WWW based processing method for commerce transaction on Internet, involves sending electronic notification about an item to customer's computer, based on reorder frequency data of that item

Patent Assignee: INDULGE.COM (INDU-N)

Inventor: HOLT G A; LI L

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200022560	A2	20000420	WO 99US23590	A	19991012	200030 B
AU 9964239	A	20000501	AU 9964239	A	19991012	200036

Priority Applications (No Type Date): US 98170561 A 19981013

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200022560	A2	E	60 G06F-017/60	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 9964239 A G06F-017/60 Based on patent WO 200022560
International Patent Class (Main): G06F-017/60

**WWW based processing method for commerce transaction on Internet,
involves sending electronic notification about an item to customer's
computer, based on reorder frequency data of that item**

Abstract (Basic):

... in server. An electronic notification about an item is sent to
customer's computer based on reorder frequency data of that item, using
customer's e-mail address .
... For commerce transaction on Internet , for processing
replenishment of products like vitamins, shampoo, disposal contact lens
and personal and health care products by customer and for processing
customer orders of...

International Patent Class (Main): G06F-017/60

14/3,IC,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

012413840

WPI Acc No: 1999-219948/199919

XRPX Acc No: N99-162786

**Point of sale (POS) terminal system with electronic mail function for
e.g. issuing retail store receipt - has adding unit which adds
additional value data to receipt data from POS terminal, which is
converted to electronic mail by pressing electronic mail receipt key**

Patent Assignee: NIPPON DENKI TSUSHIN SYSTEM KK (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11053650	A	19990226	JP 97212767	A	19970807	199919 B

Priority Applications (No Type Date): JP 97212767 A 19970807

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 11053650	A		8	G07G-001/12	
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International Patent Class (Main): G07G-001/12

International Patent Class (Additional): G06F-013/00; G06F-017/60

**Point of sale (POS) terminal system with electronic mail function for
e.g. issuing retail store receipt...**

...Abstract (Basic): has a merchandize management center (130) for
communicating with a POS terminal. An input unit of the POS terminal,
enables input of a customer's electronic mail address or
registration ID. A transmitting unit transmits the input electronic
mail address or registration ID with the receipt data, to the
merchandize management center. A modification unit changes the mail
address or registration ID of the customer...

...USE - For e.g. issuing retail store receipt...

...International Patent Class (Additional): G06F-017/60

?

14/3,IC,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

013392481

WPI Acc No: 2000-564419/200052

XRPX Acc No: N00-416829

Point-of-sales system for automatic control of credit or debit card system in bank, has network controller to process sales transaction and vending operation based on card type and hot list status indication

Patent Assignee: COMMSTAR INC (COMM-N)

Inventor: SEVERSON V; ZIMMERMAN F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6092057	A	20000718	US 9633477	A	19961219	200052 B
			US 97989747	A	19971212	

Priority Applications (No Type Date): US 9633477 A 19961219; US 97989747 A 19971212

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6092057	A	9	G06F-017/60	Provisional application US 9633477

International Patent Class (Main): **G06F-017/60**

Point-of-sales system for automatic control of credit or debit card system in bank, has network controller to process sales transaction and vending operation based on card type and hot list status indication

Abstract (Basic):

... A card reader (15) including hot list (157) reads data from a card to determined the type of card used, and produces hot list **status** indication. A **network** controller **processes** **sales** **transaction** and vending operation based on data of card reader and hot list **status** indication. The hot list comprises of new and old entries and the new entries are designated as old entries after a predefined time.

... An INDEPENDENT CLAIM is also included of **processing** **sales** **transaction** and vending operation...

...For automatic control of credit or debit card systems, in banks, for **processing** **sales** **transaction** and vending operation using cards such as local proprietary customer card, financial institution card, travel card and entertainment card...

...Title Terms: **STATUS** ;

International Patent Class (Main): **G06F-017/60**

14/3,IC,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

013327208

WPI Acc No: 2000-499147/200044

XRPX Acc No: N00-369993

Contractual, administrative and financial records processing system for consumer product purchase transaction, allows user to view and select deal modules, and to input deal attributes using interface

Patent Assignee: VOLVO COMML FINANCE LLC AMERICAS (VOLV)

Inventor: ASHBY K; DELOOZE J; FREIBERG R; GORBEA D; JOYCE N; LITTLE A; NORRIS S; SOMES J

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200042556	A2	20000720	WO 2000US884	A	20000113	200044 B
AU 200026114	A	20000801	AU 200026114	A	20000113	200054

Priority Applications (No Type Date): US 99115667 A 19990113

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200042556 A2 E 63 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200026114 A G06F-017/60 Based on patent WO 200042556

International Patent Class (Main): G06F-017/60

Abstract (Basic):

... For consumer products purchase transactions in **electronic commerce** e.g. for credit application, financial and insurance services in financial institution, for transaction of motor vehicle such as tractor, trailer, bus, van, heavy equipment, construction...

...easy, reliable and efficient system for processing credit applications, for consolidating finance and insurance services and/or for providing administrative and management tools by implementing **electronic commerce**. Enables generation of price quote for finance and insurance, facilitates on-line credit application processing, provides for electronic signature capture, facilitates printing on plain paper, provides integration with dealer systems, provides on-line approval **status** information, detailed reports for finance, insurance, inventory, tracking and other administrative matters. Allows for real time system modifications, as the system utilizes web-based technology

...lease or for insurance. Minimizes manual entry of application, application errors due to multiple entries, time between submitting application and receiving responses as the whole **transaction** is **performed** on network...

International Patent Class (Main): G06F-017/60

14/3,IC,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

013251190

WPI Acc No: 2000-423073/200036

XRPX Acc No: N00-315728

Purchase transaction managing method for web sites, involves submitting payment request to payment processor, when amount of purchase records exceed threshold

Patent Assignee: QPASS INC (QPAS-N)

Inventor: BRYANT W K; COCKRILL M P; FAITH R R; FRANKLIN D C; GORIS J M;
MALEK T A; MCNEELY M H; RYAN T J; SIADEK S J; SWEET A P

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200033221	A1	20000608	WO 99US27879	A	19991124	200036 B
AU 200018306	A	20000619	AU 200018306	A	19991124	200044

Priority Applications (No Type Date): US 98201311 A 19981129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200033221	A1	E	80	G06F-017/60	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200018306	A			G06F-017/60	Based on patent WO 200033221
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International Patent Class (Main): G06F-017/60

Purchase transaction managing method for web sites, involves submitting payment request to payment processor, when amount of purchase records exceed threshold

Abstract (Basic):

... purchase records exceed threshold, payment request is submitted and settlement indication for each payment request is returned, after which merchant account is credited and pending **status** of transaction record is removed.

... In **electronic commerce** field, for facilitating purchase transactions between customers and merchants participating in network

...

International Patent Class (Main): G06F-017/60

14/3,IC,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2000 Derwent Info Ltd. All rts. reserv.

012530739

WPI Acc No: 1999-336845/199928

XRPX Acc No: N99-252402

Validated electronic commerce transaction providing method for transaction through internet, screen phones, TV

Patent Assignee: APPAGE CORP (APPA-N); JANI Y (JANI-I); TALATI K K (TALA-I)

Inventor: JANI Y; TALATI K K

Number of Countries: 028 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5903878	A	19990511	US 97915436	A	19970820	199928 B
EP 1026644	A1	20000809	EP 99300865	A	19990205	200039 N
AU 9914692	A	20000803	AU 9914692	A	19990202	200042 N
CA 2260533	A1	20000801	CA 2260533	A	19990201	200052 N

Priority Applications (No Type Date): US 97915436 A 19970820; EP 99300865 A 19990205; AU 9914692 A 19990202; CA 2260533 A 19990201

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5903878	A		21	G06F-017/60	
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EP 1026644	A1	E		G07F-019/00	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

AU 9914692 A G06F-017/60
CA 2260533 A1 E H04L-009/32
International Patent Class (Main): G06F-017/60 ; G07F-019/00; H04L-009/32

Validated electronic commerce transaction providing method for transaction through internet, screen phones, TV

Abstract (Basic):

... **Electronic commerce** transaction is transmitted from transaction administrator (60), to originator (50) for validation. Then, the transaction is validated at originator based on a transaction identifier. Validation **status** of the transaction is notified to the transaction administrator and the **electronic commerce transaction** is **completed** based on the validation **status** .

... Initially, the **electronic commerce** transaction is generated along with the transaction identifier. Then the **electronic commerce** transaction is transmitted from the originator to the transaction administrator through a recipient (55). The transaction further comprises an originator identification associated with originator and the originator authentication is performed based on the originator identification. An INDEPENDENT CLAIM is also included for a system for providing **electronic commerce** transactions between an originator, recipient and transaction administrator...

...Enables **transaction processing** of banks between two clients through internet or Intranet, and also creates automated secure information exchange...

International Patent Class (Main): G06F-017/60 ...

14/3,IC,K/5 (Item 5 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

012471660

WPI Acc No: 1999-277768/199923

XRPX Acc No: N99-208193

Internet-protocol based anonymous trading system for derivative trading

Patent Assignee: MAY R R (MAYR-I); DERIVATIVES NET INC (DERI-N)

Inventor: MAY R R

Number of Countries: 084 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9919821	A1	19990422	WO 98US21518	A	19981013	199923 B
AU 9912703	A	19990503	AU 9912703	A	19981013	199937
EP 1023684	A1	20000802	EP 98956106	A	19981013	200038
			WO 98US21518	A	19981013	

Priority Applications (No Type Date): US 9762410 A 19971014

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9919821 A1 E 130 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9912703 A G06F-017/60 Based on patent WO 9919821
EP 1023684 A1 E G06F-017/60 Based on patent WO 9919821
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE
International Patent Class (Main): G06F-017/60

Internet-protocol based anonymous trading system for derivative trading

Abstract (Basic):

... the user may select from a number of different interfaces that enable the user to follow markets, enter and execute trades and monitor outstanding and **historical orders and executions** .
... one party and a number of potential traders; a method for conducting electronic trades of financial instruments over a computer system; a system for conducting **electronic trading** between traders; a system for credit screening an electronic trade of a financial instrument; a method for screening order information proposing a trade of a financial instrument via an **electronic trading** system; a system for risk portfolio management; a method for risk portfolio management using an **electronic trading** system...

...**Electronic trading** of financial instruments e .g. derivatives

International Patent Class (Main): G06F-017/60

14/3,IC,K/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012408288
WPI Acc No: 1999-214396/199918
Related WPI Acc No: 1998-041580
XRPX Acc No: N99-157799

Integrated computerized system for use in telecommunication user account management

Patent Assignee: MEDIA ONE GROUP INC (MEDI-N); US WEST INC (USWE-N)
Inventor: BATTISTA B; BROWN C; PETERS J M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5884284	A	19990316	US 95401602	A	19950309	199918 B
			US 97906962	A	19970806	

Priority Applications (No Type Date): US 95401602 A 19950309; US 97906962 A 19970806

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5884284	A		34	G06F-017/60	Cont of application US 95401602 Cont of patent US 5696906

International Patent Class (Main): G06F-017/60

Abstract (Basic):

... The account management data is stored in compatible formats. The types of report includes reports run on daily basis, weekly basis or monthly basis, **transaction history** reports, **transaction processing** system reports, plant inventory reports or reports run on an as-needed basis. The ancillary functions includes SAM reports, electronic mail, word processing, phone utility...

...conferencing, radio, pay-for view television, pay-for call telephone, interfacing to imaging system, video, audio, television, music video, video juke box, video-on-demand, **interactive** television, home **shopping** , telephone conferencing and automatic change back telephone calls...

...converter to decode program for set amount of time. Allows user to print subscriber report, copy of work order or service order, invoice or subscriber **history** . The system is capable of handling more than one bill per month to individual subscriber and is capable of handling upto 31 billing cycles per...

International Patent Class (Main): **G06F-017/60**

14/3,IC,K/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

012386726

WPI Acc No: 1999-192833/199917

XRPX Acc No: N99-141203

Parts management information system

Patent Assignee: CANON KK (CANO)

Inventor: INABA Y; KANAYA K; OTSUJI N; SAKAYORI M; SOMEYA F; TAKAHASHI J

Number of Countries: 026 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 905634	A2	19990331	EP 98118060	A	19980923	199917 B
JP 11096261	A	19990409	JP 97258993	A	19970924	199925
JP 11096259	A	19990409	JP 97258991	A	19970924	199925
JP 11096260	A	19990409	JP 97258992	A	19970924	199925

Priority Applications (No Type Date): JP 97258993 A 19970924; JP 97258991 A 19970924; JP 97258992 A 19970924

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 905634	A2	E	53	G06F-017/60	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

JP 11096261	A	16	G06F-019/00
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JP 11096259	A	12	G06F-019/00
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JP 11096260	A	17	G06F-019/00
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International Patent Class (Main): **G06F-017/60** ; G06F-019/00

Abstract (Basic):

... System comprises a controller displaying a combination of an icon identifying the order received and data indicating the **status** of the order received or order placed. The shops are a production line. The icon is units of managed items of the order, the data is the number of **processed orders** and data is updated on downloading.

... For managing orders received from first shop and orders placed with second **shop** e .g. mechanical parts machining shop, electrical parts units assembly shop for assembly of printed circuit board and harness, mechanical and electrical parts assembly shop and...

International Patent Class (Main): **G06F-017/60** ...

14/3,IC,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

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012068804

WPI Acc No: 1998-485715/199842

XRPX Acc No: N98-379260

**Electronic accounts settlement system using internet for cyber shop
, transport company - outputs goods status information before
predefined transaction completion time and facilitates cancellation of
order within that time**

Patent Assignee: WAKAYAMA H (WAKA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10207956	A	19980807	JP 9712966	A	19970127	199842 B

Priority Applications (No Type Date): JP 9712966 A 19970127

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10207956	A		27	G06F-017/60	

International Patent Class (Main): G06F-017/60

**Electronic accounts settlement system using internet for cyber shop
, transport company...**

**...outputs goods status information before predefined transaction
completion time and facilitates cancellation of order within that time**

...Abstract (Basic): The system includes a management server (TWS) which performs account management based on stored data. A **cyber shop** server (CSS) accepts **order** and **processes** it based on variety of goods present in the stock...

...The **cyber shop** server collects the goods collection and delivery information. A transport management server (TCS) notifies the completion of goods transaction, and is connected to the management and **cyber shop** servers through communication circuit...

...The transaction log information is recorded in a database based on the received notification. The management server outputs the goods **status** information before predefined transaction completion time. The cancellation of **order** is **performed** within **transaction** completion time...

...ADVANTAGE - **Performs** efficient and correct **transaction** and accounts settlement...

...Title Terms: **STATUS** ;

International Patent Class (Main): G06F-017/60

14/3,IC,K/9 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011871999

WPI Acc No: 1998-288909/199826

XRPX Acc No: N98-227214

**Electronic commerce support method for managing trading in client
connected to server - involves comparing trading identifier included in
trading information with trading identifier included in trading
processing information and outputting warning if they are not coincident**

Patent Assignee: HITACHI LTD (HITA)

Inventor: ONO T; YASUNOBU C

Number of Countries: 026 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 845749	A2	19980603	EP 97309541	A	19971126	199826 B
JP 10162066	A	19980619	JP 96317439	A	19961128	199835
KR 98042911	A	19980817	KR 9764026	A	19971128	199938

Priority Applications (No Type Date): JP 96317439 A 19961128

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 845749	A2	E	27	G06F-017/60
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI

LT LU LV MC MK NL PT RO SE SI

JP 10162066	A	16	G06F-017/60
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KR 98042911	A		G06F-017/60
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International Patent Class (Main): G06F-017/60

Electronic commerce support method for managing trading in client connected to server...

...involves comparing trading identifier included in trading information with trading identifier included in trading processing information and outputting warning if they are not coincident

...Abstract (Basic): The method involves transmitting an order for a product on the **electronic commerce** in response to an input by a user to the server through a communication **network** . **Trading** information including a trading identifier associated with the order and data on the contents of the order are received from the server, and stored in a storage device (214). **Trading processing** information is received from the server including a present **status** of processing for **processing** initiated for the **order** , a present **status** of processing for delivery of the product corresponding to the order, a present **status** of processing for **payment processing** for the **trading** , and the trading identifier (113). The trading identifier included in the trading information is compared with the trading identifier included in the **trading processing** information. A warning is outputted if they are not coincident, and the **trading processing** information is added to the trading information stored in the storage device if they are coincident (118...

...ADVANTAGE - Efficiently manages and utilises **trading** information for on -line **shopping** .

International Patent Class (Main): G06F-017/60

14/3,IC,K/10 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011855564

WPI Acc No: 1998-272474/199824

XRPX Acc No: N98-213863

Fail-safe event-driven transaction processing system for electronic commerce - has at least one system node having application processes for processing transactions initiated by remote devices e.g. ATMs

Patent Assignee: ELECTRONIC DATA SYSTEMS CORP (ELDA-N)
Inventor: JAHANIAN T R; JEFFREY R E; KEARNS K A; JEFFERY R E
Number of Countries: 036 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9819262	A1	19980507	WO 97US19774	A	19971029	199824 B
AU 9851959	A	19980522	AU 9851959	A	19971029	199840
US 5805798	A	19980908	US 96741149	A	19961029	199843
EP 935786	A1	19990818	EP 97946866	A	19971029	199937
			WO 97US19774	A	19971029	
CN 1244268	A	20000209	CN 97181124	A	19971029	200026
AU 718006	B	20000406	AU 9851959	A	19971029	200027

Priority Applications (No Type Date): US 96741149 A 19961029

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9819262	A1	E	52	G06F-017/60	
Designated States (National): AU BB BR CA CN CZ FI JP KR MX NO NZ PL RU SG SK TT VN					
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 718006	B			G06F-017/60	Previous Publ. patent AU 9851959 Based on patent WO 9819262
AU 9851959	A			G06F-017/60	Based on patent WO 9819262
EP 935786	A1	E		G06F-017/60	Based on patent WO 9819262
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
CN 1244268	A			G06F-017/60	
US 5805798	A			G06F-011/00	
International Patent Class (Main): G06F-011/00; G06F-017/60					
International Patent Class (Additional): G06F-011/14					

Fail-safe event-driven transaction processing system for electronic commerce -

...Abstract (Basic): The **transaction processing** system includes at least one system node having multiple entities and processes for communicating with outside devices e.g. ATMs and financial institutions. Multiple links...

...and provides a back-up entity or process for each entity or process. A system monitor resides at each system node, and monitors the operational **status** of each node and communicates the **status** to other nodes...

...International Patent Class (Main): **G06F-017/60**

14/3,IC,K/11 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06527598
POS TERMINAL EQUIPMENT

PUB. NO.: 20-00113321 [JP 2000113321 A]
PUBLISHED: April 21, 2000 (20000421)
INVENTOR(s): UEMURA TAKEHIKO
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 10-279138 [JP 98279138]

FILED: September 30, 1998 (19980930)
INTL CLASS: G07G-001/00; **G06F-017/60** ; G07G-001/12
INTL CLASS: G07G-001/00; **G06F-017/60** ; G07G-001/12

ABSTRACT

... This POS terminal equipment has an electronic journal data storage part 5 preserving and managing sales information on a product, a display part 3 displaying **sales** information and an **electronic** journal data input/output control part 4 registering data on a reserve that is previously prepared for use on that day and data on a result obtain by **executing** money reception/ **payment** on the product in the electronic journal data storage part 5, generating change **history** data for respective denominations by using data on the registered reserve, money reception data and payment data and predicting the reserve prepared for that day based on change transaction **history** data.

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?t /3,ic,k/1-24

17/3,IC,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013193078

WPI Acc No: 2000-364951/200031

XRPX Acc No: N00-273138

**Internet based electronic commerce business transaction processor,
performs billing for retail customer for ordered product authorized for
shipment**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023929	A1	20000427	WO 99US24453	A	19991019	200031 B
AU 9964336	A	20000508	AU 9964336	A	19991019	200037
EP 1040440	A1	20001004	EP 99952033	A	19991019	200050
			WO 99US24453	A	19991019	

Priority Applications (No Type Date): US 99343547 A 19990630; US 98104829 A 19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023929 A1 E 41 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964336 A G06F-017/60 Based on patent WO 200023929

EP 1040440 A1 E G06F-017/60 Based on patent WO 200023929

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

International Patent Class (Main): G06F-017/60

Abstract (Basic):

... data for selected products, are stored in a database (70). A communication interface selectively permits one of retail customers to selectively access the product data stored in the database. An electronic order form is provided for retail customer to place a purchase order of the selected product. The order processor processes the placed purchase orders. The distribution selection processor dynamically allocating a particular product to distributors, has a comparator which compares like types of product data for distributors handling-like product, to determine an...

17/3,IC,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013193077

WPI Acc No: 2000-364950/200031

XRPX Acc No: N00-273137

Internet-based electronic commerce business transaction processor performs billing for retail customer for ordered product, when selected supplier is authorized to ship product to customer

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023928	A2	20000427	WO 99US24452	A	19991019	200031 B
AU 200011244	A	20000508	AU 200011244	A	19991019	200037
EP 1040441	A2	20001004	EP 99955050	A	19991019	200050
			WO 99US24452	A	19991019	

Priority Applications (No Type Date): US 99345383 A 19990630; US 98104830 A 19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023928 A2 E 40 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 200011244 A G06F-017/60 Based on patent WO 200023928
EP 1040441 A2 E G06F-017/60 Based on patent WO 200023928
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE
International Patent Class (Main): G06F-017/60

Abstract (Basic):

... data related to several selected products, are stored in a
database (70). A communication interface selectively permits a retail
customer to selectively access the data **stored** in the database. An
electronic **order** form is provided for the retail customer to place
the purchase order for selected products. An **order** processor
processes the placed purchase **order** for selected products. The order
processor includes **payment** authorization **processing** unit for
checking the credit worthiness of purchase method of payment before the
purchase order is authorized for fulfillment. An INDEPENDENT CLAIM is
also included...

17/3,IC,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

013178367

WPI Acc No: 2000-350240/200030

XRPX Acc No: N00-262444

**WWW based processing method for commerce transaction on Internet,
involves sending electronic notification about an item to customer's
computer, based on reorder frequency data of that item**

Patent Assignee: INDULGE.COM (INDU-N)

Inventor: HOLT G A; LI L

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200022560	A2	20000420	WO 99US23590	A	19991012	200030 B
AU 9964239	A	20000501	AU 9964239	A	19991012	200036

Priority Applications (No Type Date): US 98170561 A 19981013

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200022560	A2	E	60	G06F-017/60	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964239 A G06F-017/60 Based on patent WO 200022560

International Patent Class (Main): G06F-017/60

Abstract (Basic):

... The figure shows the block diagram of virtual **store** for
product **order** **processing** method...

17/3,IC,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

(c) 2000 Derwent Info Ltd. All rts. reserv.

012755271

WPI Acc No: 1999-561388/199947

XRPX Acc No: N99-414824

Electronic commerce transaction method for user with Personal Identification Number

Patent Assignee: E-LYSIUM TRANSACTION SYSTEMS INC (ELYS-N)

Inventor: BASER C; GOROSTIS O

Number of Countries: 081 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9944165	A1	19990902	WO 99US4132	A	19990225	199947 B
AU 9927903	A	19990915	AU 9927903	A	19990225	200004

Priority Applications (No Type Date): US 99256540 A 19990224; US 9875872 A 19980225

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9944165	A1	E	50	G06F-017/60	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9927903	A			G06F-017/60	Based on patent WO 9944165
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International Patent Class (Main): G06F-017/60

International Patent Class (Additional): H04M-001/64; H04M-017/00

Abstract (Basic):

... determine whether or not the transaction can take place given the user's remaining balance and, if the user's PIN is sufficiently funded, the **transaction** proceeds, **rendering** the requested service. An unrated service **record** data **record** is returned, and the price of the goods or services is calculated based upon the service data **record**. The PIN balance is updated, and a **transaction** data **record** is generated. INDEPENDENT CLAIMS are included for; an architecture facilitating **e-commerce** transactions; a method for **performing** prepaid **electronic commerce transaction**.

17/3,IC,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012712361

WPI Acc No: 1999-518474/199943

XRPX Acc No: N99-385605

Electronic financial transactions between customer having personal computer and remote service provider via Internet and large number of customer computer clients and remote service provider or server

Patent Assignee: SARANAC SOFTWARE INC (SARA-N)

Inventor: ABDELSADEK M; DWYER T; HAN D; LEWIS R; PARKS L; ROGOFF J

Number of Countries: 082 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9941690	A1	19990819	WO 99US3099	A	19990212	199943 B

AU 9926762 A 19990830 AU 9926762 A 19990212 200003

Priority Applications (No Type Date): US 9823724 A 19980213

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9941690 A1 E 77 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9926762 A G06F-017/60 Based on patent WO 9941690

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): H04L-009/00

Abstract (Basic):

... transaction module in response to the client and server being
authenticated, the client issues a request to the server and the
transaction server (180) to **execute** an electronic **payment**
transaction at the server and **record** it in the **transaction**
database (170) and create a receipt for the client.

17/3,IC,K/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

012589399

WPI Acc No: 1999-395506/199933

XRPX Acc No: N99-295606

Business to business transaction processing method e.g. for Web commerce

Patent Assignee: WONG C (WONG-I)

Inventor: WONG C

Number of Countries: 082 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9933016	A1	19990701	WO 98US27496	A	19981222	199933 B
AU 9922057	A	19990712	AU 9922057	A	19981222	199950
US 6115690	A	20000905	US 97995591	A	19971222	200044

Priority Applications (No Type Date): US 97995591 A 19971222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9933016 A1 E 624 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9922057 A G06F-017/60 Based on patent WO 9933016

US 6115690 A G06F-017/60

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-015/46; G06K-005/00

Abstract (Basic):

... The method involves receiving user demand information
electronically. In response to receiving the user demand information

electronically, automatically **storing** an **order record** in the database and maintaining the **order record** in the database throughout a life cycle of the **order** . During the life cycle of the **order**, multiple users each accessing the **order** and **processing** the **order** to accomplish a respective multiple business functions, and creating **records** related to the **order** . The life cycle of the **order** includes an expected period for one of reversal, service and parts order.

17/3,IC,K/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

012280464
WPI Acc No: 1999-086570/199908
XRPX Acc No: N99-062964

Total processing method used in electronic shopping, VOD system - involves obtaining final total result by sequentially performing a multistep totalling process

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10320484	A	19981204	JP 97127436	A	19970516	199908 B

Priority Applications (No Type Date): JP 97127436 A 19970516

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10320484	A		11	G06F-019/00	

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06F-017/60; G07G-001/12

...Abstract (Basic): The method involves acquiring total unit code which is input via input unit (300), total aspect, calculation **process** code, calculation **process** aspect and **execution order** . The total unit code and total aspect are matched and **stored** in total unit code definition file (410). The calculation process code and calculation process aspect are matched and stored in a calculation process definition file (420). Total unit code and the calculation process code are matched for obtaining **execution order** and are **stored** in total scenario definition file (430...)

17/3,IC,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

012109983
WPI Acc No: 1998-526895/199845
XRPX Acc No: N98-411928

Electronic cash register e.g. for sales good data processing - has transaction buffer in which transaction data corresponding to goods code is stored, where quotient number of articles for every time management data is stored in goods delivery table

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 10232980 A 19980902 JP 9736401 A 19970220 199845 B

Priority Applications (No Type Date): JP 9736401 A 19970220

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 10232980 A 8 G07G-001/12

International Patent Class (Main): G07G-001/12

International Patent Class (Additional): G06F-017/60

...Abstract (Basic): The register (10) **performs** accounting using the **transaction** data containing the goods data **stored** in a **transaction** buffer (13B), using goods code from goods file (13F) after completion of transaction declaration. The transaction data which corresponds to the goods code with reference...

17/3,IC,K/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2000 Derwent Info Ltd. All rts. reserv.

012055201

WPI Acc No: 1998-472112/199841

XRPX Acc No: N98-368415

Electronic shopping system - includes receiving unit provided in terminal equipments receives video signal corresponding to goods information along with good name simultaneously from centre apparatus

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10198727	A	19980731	JP 97468	A	19970107	199841 B

Priority Applications (No Type Date): JP 97468 A 19970107

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 10198727 A 10 G06F-017/60

International Patent Class (Main): G06F-017/60

...Abstract (Basic): A **recording** unit (101) **records** various information of **ordered** goods based on transmitted digitised information. An information **processing** unit transfers the **order** of goods to the centre apparatus and the **ordered** goods are **recorded** by the centre ...

17/3,IC,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011730712

WPI Acc No: 1998-147622/199814

XRPX Acc No: N98-116953

Self-service shopping system with electronic price label system - has electronic price labels associated with selected items, which communicate item identification information to transaction processing system

Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)

Inventor: FORSYTHE D L

Number of Countries: 005 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 828235	A2	19980311	EP 97303710	A	19970530	199814 B
JP 10105832	A	19980424	JP 97239509	A	19970904	199827
US 5898383	A	19990427	US 96709020	A	19960906	199924

Priority Applications (No Type Date): US 96709020 A 19960906

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 828235	A2	E	9	G07G-001/14	
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Designated States (Regional): DE FR GB

JP 10105832	A		7	G07G-001/12	
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US 5898383	A			E04H-003/00	
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International Patent Class (Main): E04H-003/00; G07G-001/12; G07G-001/14

International Patent Class (Additional): G06F-017/60; G06F-019/00

...Abstract (Basic): The self-service **shopping** system uses an **electronic** price label (EPL) (12) associated with an item to send a signal to a **transaction processing** system (25) to **record** the selection of that item by a customer. An item selector card (18) associated with a customer records items selected by passage through an item...

17/3,IC,K/11 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011484512

WPI Acc No: 1997-462417/199743

XRPX Acc No: N97-385126

Electronic commercial transaction method using computer network e.g. internet - involves processing distributed electronic commercial transaction procedure sent to various appts and setting settlement of purchasing goods

Patent Assignee: HITACHI LTD (HITA)

Inventor: HAMADA N; KAYASHIMA M; MORI M

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9212549	A	19970815	JP 9615519	A	19960131	199743 B
US 5880446	A	19990309	US 97788446	A	19970129	199917
US 6073839	A	20000613	US 97788446	A	19970129	200035
			US 99225003	A	19990104	

Priority Applications (No Type Date): JP 9615519 A 19960131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 9212549	A		38	G06F-017/60	
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US 5880446	A			G06K-005/00	
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US 6073839	A			G06K-005/00	Cont of application US 97788446 Cont of patent US 5880446
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International Patent Class (Main): G06F-017/60; G06K-005/00

International Patent Class (Additional): G06F-013/00

...Abstract (Basic): The method involves **storing** a number of **electronic commercial transaction** procedures corresponding to components, transactions sum, purchasing goods, financial institutions and their formulation. When a purchasing request is received from a purchasing side appts, an **electronic commercial transaction** procedure corresponding to the component or its formulation of purchasing goods

is selected by the server appts...

17/3,IC,K/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

011429693
WPI Acc No: 1997-407600/199738
XRPX Acc No: N97-339022

Back-up method of electronic commercial transaction information in IC card system - involves allowing each user to hold log of IC card to perform commercial transaction whose result is recorded by IC card
Patent Assignee: NTT DATA TSUSHIN KK (NITE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9179921	A	19970711	JP 95349658	A	19951221	199738 B

Priority Applications (No Type Date): JP 95349658 A 19951221

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9179921	A	11		

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06F-017/60

... involves allowing each user to hold log of IC card to perform commercial transaction whose result is recorded by IC card

17/3,IC,K/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

011355073
WPI Acc No: 1997-332980/199730
XRPX Acc No: N97-276334

Electronic trading system with auto-arbitrage feature - has computer coupled to trader terminals receiving credit parameter and trading data, detects automatically available arbitrage transaction with trades based on credit data

Patent Assignee: REUTERS LTD (REUT-N)

Inventor: SILVERMAN D L; WILTON R S

Number of Countries: 074 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9722072	A1	19970619	WO 96IB1479	A	19961212	199730 B
AU 9711680	A	19970703	AU 9711680	A	19961212	199743
EP 873549	A1	19981028	EP 96942546	A	19961212	199847
			WO 96IB1479	A	19961212	
JP 2000501864	W	20000215	WO 96IB1479	A	19961212	200019
			JP 97521897	A	19961212	

Priority Applications (No Type Date): US 95571106 A 19951212

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9722072	A1 E	47	G06F-017/60	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ
VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
LS LU MC MW NL OA PT SD SE SZ UG

JP 2000501864 W 45 G06F-017/60 Based on patent WO 9722072

AU 9711680 A G06F-017/60 Based on patent WO 9722072

EP 873549 A1 E G06F-017/60 Based on patent WO 9722072

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC
NL PT SE

International Patent Class (Main): G06F-017/60

...Abstract (Basic): A computer is connected to the terminals (704) via a
communications network to receive and **stored** credit parameter data
and **trading** data from the terminals. An available arbitrage
transaction with several trades is automatically detected based on
credit parameter data, the arbitrage parameter data and the trading
data. The available arbitrage **transaction** is automatically **executed**
by executing all the trades (708...

17/3,IC,K/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

011192761

WPI Acc No: 1997-170686/199716

**Electronic cash register type sales data processor - performs credit
payment processing using credit data stored in rewrite card**

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9035146	A	19970207	JP 95184514	A	19950720	199716 B

Priority Applications (No Type Date): JP 95184514 A 19950720

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9035146	A		10	G07G-001/12	

International Patent Class (Main): G07G-001/12

International Patent Class (Additional): G06F-017/60

... performs **credit** payment processing using **credit data** stored in
rewrite card

...Abstract (Basic): A reading credit payment **processing** control unit
performs credit **payment** **processing** related to registration goods
based on the credit data **stored** in the rewrite card...

17/3,IC,K/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

011179434

WPI Acc No: 1997-157359/199715

XRPX Acc No: N97-129893

**Computer system for data management of e.g trading of warrants - displays
specific data online including warrant rates, and trading mask allowing
input of request for specific data**

Patent Assignee: CITIBANK AG (CITI-N)

Inventor: FRIEDMAN E; IRWIN F; JOHNSON M; LIEVEN A T; PFUNDT D; POTTER N;

RASCHDORF A; RAYNER P; TORREMANTE M; LEIVEN A T; FRIEDMANN E

Number of Countries: 035 Number of Patents: 017

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 762304	A1	19970312	EP 95114467	A	19950914	199715 B
EP 762304	B1	19970319	EP 95114467	A	19950914	199716
DE 19544343	A1	19970320	DE 1044343	A	19951128	199717
WO 9710559	A1	19970320	WO 96EP3972	A	19960910	199718
DE 69500192	E	19970522	DE 600192	A	19950914	199726
			EP 95114467	A	19950914	
AU 9671274	A	19970401	AU 9671274	A	19960910	199730
ZA 9607643	A	19970625	ZA 967643	A	19960910	199731
ES 2102264	T3	19970716	EP 95114467	A	19950914	199735
BR 9606635	A	19970916	BR 966635	A	19960910	199744
			WO 96EP3972	A	19960910	
HU 9702413	A2	19980330	WO 96EP3972	A	19960910	199823
			HU 972413	A	19960910	
NZ 319126	A	19980728	NZ 319126	A	19960910	199836
			WO 96EP3972	A	19960910	
KR 97707502	A	19971201	WO 96EP3972	A	19960910	199847
			KR 97703238	A	19970513	
CZ 9701831	A3	19981216	WO 96EP3972	A	19960910	199904
			CZ 971831	A	19960910	
JP 10511793	W	19981110	WO 96EP3972	A	19960910	199904
			JP 97511652	A	19960910	
AU 699408	B	19981203	AU 9671274	A	19960910	199909
TW 343312	A	19981021	TW 96114703	A	19961128	199909 N
MX 9703380	A1	19980201	MX 973380	A	19970508	199954

Priority Applications (No Type Date): EP 95114467 A 19950914; TW 96114703 A 19961128

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 762304 A1 E 20 G06F-017/60

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

EP 762304 B1 E 24 G06F-017/60

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DE 19544343 A1 20 G06F-017/60

WO 9710559 A1 E 39 G06F-017/60

Designated States (National): AU BG BR CA CN CZ HU JP KR MX NZ PL RO RU SG US

DE 69500192 E G06F-017/60 Based on patent EP 762304

AU 9671274 A G06F-017/60 Based on patent WO 9710559

ZA 9607643 A 36 G06F-000/00

ES 2102264 T3 G06F-017/60 Based on patent EP 762304

BR 9606635 A G06F-017/60 Based on patent WO 9710559

HU 9702413 A2 G06F-017/60 Based on patent WO 9710559

NZ 319126 A G06F-017/60 Based on patent WO 9710559

KR 97707502 A G06F-017/60 Based on patent WO 9710559

CZ 9701831 A3 G06F-017/60 Based on patent WO 9710559

JP 10511793 W 36 G06F-017/60 Based on patent WO 9710559

AU 699408 B G06F-017/60 Previous Publ. patent AU 9671274

Based on patent WO 9710559

TW 343312 A G06F-017/60

MX 9703380 A1 G06F-017/60

International Patent Class (Main): G06F-000/00; G06F-017/60
International Patent Class (Additional): G06F-019/00

...Abstract (Basic): The display unit (3) displays a second mask including the requested data. The processing system (1) holds the requested data for a predetermined period, and **performs a transaction** related to the specific data if a **transaction** request is **input** by the **input** unit (2) during the predetermined time period...

...Abstract (Equivalent): a second mask including the requested data, and the data processing system (1) holds the requested data for a predetermined time period T set and **performs a transaction** relating to the specific data, if a **transaction** request is **input** by the **input** unit (2) during a predetermined time period T set...

17/3,IC,K/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

011119196

WPI Acc No: 1997-097121/199709

Payment data processing method in bill issue system using computer - in which contents of customer credit sale file is copied to other file, after finalizing on-line processing of daily allowance

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8335240	A	19961217	JP 95142895	A	19950609	199709 B

Priority Applications (No Type Date): JP 95142895 A 19950609

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8335240	A	7	G06F-019/00	

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06F-017/60

...Abstract (Basic): The method uses a host computer which is connected to customer terminals through a communication **network** . The **sales** and **payment** details are **input** through these terminals. The contents of customer credit sale file are copied to other file after finishing on-line processing of total daily allowance. Then...

...The data of payments made after finishing the on-line processing of total daily allowance is **input** by **payment input process** on next day. The updation deletion and registration of **payment** data is prevented, while extracting it...

17/3,IC,K/17 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

010834248

WPI Acc No: 1996-331201/199633

XRPX Acc No: N96-279405

Order entry system connected to cash desk or point of sale terminal e.g. for fast food store, restaurant - in which tag is received by tag calling unit, when ordered goods are supplied to concerned visitor

Patent Assignee: FUJI ELECTRIC CO LTD (FJIE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8153261	A	19960611	JP 956097	A	19950119	199633 B

Priority Applications (No Type Date): JP 94232616 A 19940928

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8153261	A	6	G07F-009/00	

International Patent Class (Main): G07F-009/00

International Patent Class (Additional): G06F-017/60

...Abstract (Basic): The system has a display device (10) through which an **order** is **input** . The contents of the **order** from the display device is transferred to a cooking chamber display device (16) and is printed using a printer (17). Then, cooking of the **ordered** good is **performed** in a cooking chamber (3...

...A tag issue unit (11) publishes the goods information input by a goods information **input** unit, on a tag. When the visitor receives the **ordered** goods, a tag is received by a tag calling unit (13). The money for the **ordered** goods is **processed** at a service counter (4...

17/3,IC,K/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

010696139

WPI Acc No: 1996-193094/199620

XRPX Acc No: N96-161710

Sales data processor e.g. electronic type cash register, point of sales system - has registration processing unit performing according to obtained amount of discount data

Patent Assignee: CASIO COMPUTER CO LTD (CASK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8063671	A	19960308	JP 94222725	A	19940825	199620 B

Priority Applications (No Type Date): JP 94222725 A 19940825

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8063671	A	8	G07G-001/12	

International Patent Class (Main): G07G-001/12

International Patent Class (Additional): G06F-017/60

...Abstract (Basic): on the input price data related to goods. The registration mode is changed to a computer mode by using a mode switching unit (MS) in **order** to **perform** a calculation processing. The goods data which are **input** under registration mode are stored in a CPU under the computer mode...

17/3,IC,K/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

007417582

WPI Acc No: 1988-051517/198808

XRPX Acc No: N88-039093

Transaction processing **appts.** e.g. for retail store - has
**electrically coupled micro-chip card reader-writers and transfers amount
or transaction from customer card balance to that of vendor**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Inventor: MORI T

Number of Countries: 005 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 256768	A	19880224	EP 87306927	A	19870805	198808 B
US 4877947	A	19891031	US 8779454	A	19870730	199002
EP 256768	B1	19940302	EP 87306927	A	19870805	199409
DE 3789179	G	19940407	DE 3789179	A	19870805	199415
			EP 87306927	A	19870805	
JP 8030693	A	19960202	JP 86182730	A	19860805	199615
			JP 94223940	A	19860805	

Priority Applications (No Type Date): JP 86182730 A 19860805; JP 94223940 A 19860805

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 256768	A	E	11		
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Designated States (Regional): DE FR GB

US 4877947	A		10		
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EP 256768	B1	E	13	G07F-007/10	
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Designated States (Regional): DE FR GB

DE 3789179	G			G07F-007/10	Based on patent EP 256768
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JP 8030693	A		8	G06F-017/60	Div ex application JP 86182730
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International Patent Class (Main): G06F-017/60; G07F-007/10

International Patent Class (Additional): G06F-015/21; G06F-019/00;
G07G-001/12

Transaction processing **appts.** e.g. for retail store -

...Abstract (Equivalent): A **transaction processing** apparatus for use with microchip cards comprising terminal means (20,30) for **inputting** the amount of a **transaction**, the terminal means (20,30) having a customer's microchip card reader/writer (15) for communicating with a customer's microchip card (21) and a...

17/3,IC,K/20 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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06598290

ELECTRONIC SHOPPING SYSTEM USING WIRELESS TELEPHONE WITH PROGRAM
DOWN-LOADING FUNCTION

PUB. NO.: 20-00184087 [JP 2000184087 A]

PUBLISHED: June 30, 2000 (20000630)

INVENTOR(s): OGASAWARA NOBUO

APPLICANT(s): FUJITSU LTD

APPL. NO.: 11-260193 [JP 99260193]

FILED: September 14, 1999 (19990914)

PRIORITY: 211308 [US 211308], US (United States of America), December 14, 1998 (19981214)

INTL CLASS: H04M-011/00; G06F-013/00; G06F-017/60; G06K-017/00

ABSTRACT

PROBLEM TO BE SOLVED: To obtain an **electronic shopping** system capable of purchasing **transaction** using a wireless telephone set by executing an instruction **stored** in a firmware **memory** and **executing** a down-loaded **transaction** program **stored** in a program **memory** .

SOLUTION: A **store** server 10 or a remote server 26 **stores** a purchasing **transaction** program which should be down-loaded by the wireless telephone set 18. A purchasing person dials to the telephone number of the server 10 or...

17/3,IC,K/21 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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05977926

ELECTRONIC COMMERCIAL TRANSACTION SYSTEM, AND RECORDING MEDIUM

PUB. NO.: 10-261026 [JP 10261026 A]
PUBLISHED: September 29, 1998 (19980929)
INVENTOR(s): WATANABE MITSUYOSHI
YAMAMOTO YOSHIHIDE
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 10-006155 [JP 986155]
FILED: January 14, 1998 (19980114)
INTL CLASS: [6] G06F-017/60; G06F-013/00; G06F-013/00; G06F-015/00;
G06F-017/30

ELECTRONIC COMMERCIAL TRANSACTION SYSTEM, AND RECORDING MEDIUM

ABSTRACT

... commodity information and transaction conditions and select a commodity meeting optimum conditions by registering commodity information, transaction conditions, etc., of users in a master, to **perform** electronic **ordering** and dealing negotiations for displayed **transaction** conditions, to **perform** electronic bidding, and to actualize electric commercial transaction between specified/unspecified users, concerning an **electronic commercial** transition system and **recording** media for carrying out **commercial transaction** through a **network** .

17/3,IC,K/22 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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05440001

ON-LINE SHOPPING SYSTEM

PUB. NO.: 09-054801 [JP 9054801 A]
PUBLISHED: February 25, 1997 (19970225)
INVENTOR(s): YOSHIZAWA SATOSHI
KITAI KATSUYOSHI
TARUI TOSHIAKI
ITO MASANAO

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-210408 [JP 95210408]
FILED: August 18, 1995 (19950818)
INTL CLASS: [6] G06F-017/60; G06F-017/30; H04M-003/56; H04N-007/14

ABSTRACT

PROBLEM TO BE SOLVED: To improve the use convenience by simplifying the **input** operation of user in the case of **performing ordering** .

...
... commodity candidate list as the list of the alternative articles of ordered commodity. The information such as the prices of respective pieces of commodity is **stored** in the **ordered** commodity candidate list as well and transferred to the **ordering processing** terminal 101. At the **ordering processing** terminal 101, the information **stored** in the **ordered** commodity candidate list is displayed and the selection of commodity to be ordered is called to the user. The user executes the selection by using a commodity selecting means and **ordering processing** is **completed** .

17/3,IC,K/23 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

05095111
INHERITANCE TAX PAYMENT SCHEDULE PROCESSOR

PUB. NO.: 08-050611 [JP 8050611 A]
PUBLISHED: February 20, 1996 (19960220)
INVENTOR(s): ISOBE YASUSHI
CHU MASAKI
APPLICANT(s): NIPPON DIGITAL KENKYUSHO KK [486372] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-204593 [JP 94204593]
FILED: August 05, 1994 (19940805)
INTL CLASS: [6] G06F-017/60

ABSTRACT

...CONSTITUTION: In an inheritance tax **payment** schedule **processing** part 2, a block 20 **inputs** inheritance data such as the evaluated amount of the inheritance property and an inheritance tax amount, etc. In the block 21, when a property is...

17/3,IC,K/24 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

04757307
TRANSACTION PROCESSING SYSTEM

PUB. NO.: 07-049907 [JP 7049907 A]
PUBLISHED: February 21, 1995 (19950221)
INVENTOR(s): NAGAMOTO NAOKO
APPLICANT(s): OMRON CORP [000294] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-195764 [JP 93195764]

FILED: August 06, 1993 (19930806)
INTL CLASS: [6] G06F-017/60; G07G-001/14

ABSTRACT

PURPOSE: To provide the **transaction processing** system constituted so that a network controller derives and **stores** sales actual result data, based on **transaction** data at the time set in advance, and when a request from a store computer is received, the sales actual result data stored already is...
?

18/3,IC,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

013418819

WPI Acc No: 2000-590758/200056

XRPX Acc No: N00-437282

Electronic commercial transaction system using internet, matches
terms of payments from consumer browser and terms of payment of
store server

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000235603	A	20000829	JP 9936271	A	19990215	200056 B

Priority Applications (No Type Date): JP 9936271 A 19990215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000235603	A	8	G06F-017/60	

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-019/00; G07D-009/00

Electronic commercial transaction system using internet, matches
terms of payments from consumer browser and terms of payment of
store server

Abstract (Basic):

... Consumer-side browser (2) and store -side server (3) of
electronic commercial transaction system (1), are connected.
Settle-of-accounts unit (4) matches terms of payments from browser
and server and the transaction is completed .
...Title Terms: MATCH ;

18/3,IC,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

013193078

WPI Acc No: 2000-364951/200031

XRPX Acc No: N00-273138

Internet based electronic commerce business transaction processor,
performs billing for retail customer for ordered product authorized for
shipment

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023929	A1	20000427	WO 99US24453	A	19991019	200031 B
AU 9964336	A	20000508	AU 9964336	A	19991019	200037
EP 1040440	A1	20001004	EP 99952033	A	19991019	200050
			WO 99US24453	A	19991019	

Priority Applications (No Type Date): US 99343547 A 19990630; US 98104829 A
19981019

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200023929 A1 E 41 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964336 A G06F-017/60 Based on patent WO 200023929

EP 1040440 A1 E G06F-017/60 Based on patent WO 200023929

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

International Patent Class (Main): G06F-017/60

Abstract (Basic):

... data for selected products, are stored in a database (70). A communication interface selectively permits one of retail customers to selectively access the product data **stored** in the database. An electronic **order** form is provided for retail customer to place a purchase order of the selected product. The order **processor** **processes** the placed purchase **orders**. The distribution selection **processor** dynamically allocating a particular product to distributors, has a **comparator** which **compares** like types of product data for distributors handling-like product, to determine an optimum distributor selection based on selection criteria including product price, availability, shipping...

...The figure shows block diagram of over all Internet based e-mail business transaction processing system...

18/3,IC,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013178367

WPI Acc No: 2000-350240/200030

XRPX Acc No: N00-262444

WWW based processing method for commerce transaction on Internet, involves sending electronic notification about an item to customer's computer, based on reorder frequency data of that item

Patent Assignee: INDULGE.COM (INDU-N)

Inventor: HOLT G A; LI L

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200022560	A2	20000420	WO 99US23590	A	19991012	200030 B
AU 9964239	A	20000501	AU 9964239	A	19991012	200036

Priority Applications (No Type Date): US 98170561 A 19981013

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200022560 A2 E 60 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964239 A G06F-017/60 Based on patent WO 200022560

International Patent Class (Main): G06F-017/60

Abstract (Basic):

... in server. An electronic notification about an item is sent to customer's computer based on reorder frequency data of that item, using customer's e-mail address.
... The figure shows the block diagram of virtual store for product order processing method...

18/3,IC,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013042722

WPI Acc No: 2000-214575/200019

XRPX Acc No: N00-161371

Electronic commercial transaction system for enterprises, includes memory in which the transaction information processed by processor is stored

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11345265	A	19991214	JP 98154600	A	19980603	200019 B

Priority Applications (No Type Date): JP 98154600 A 19980603

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11345265	A	8	G06F-017/60	

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-019/00

Electronic commercial transaction system for enterprises, includes memory in which the transaction information processed by processor is stored

...Abstract (Basic): of transactions and identifier of the purchaser are set-up into the memory. When order receival data is received from the purchaser, the purchaser's **identifier** and the **transaction** amount details are set-up and stored as transaction information in the memory.
DETAILED DESCRIPTION - On purchaser's request, the transaction information is retrieved from...

18/3,IC,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012280464

WPI Acc No: 1999-086570/199908

XRPX Acc No: N99-062964

Total processing method used in electronic shopping, VOD system - involves obtaining final total result by sequentially performing a multistep totalling process

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 10320484 A 19981204 JP 97127436 A 19970516 199908 B

Priority Applications (No Type Date): JP 97127436 A 19970516

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 10320484	A		11	G06F-019/00	
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International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06F-017/60; G07G-001/12

...Abstract (Basic): The method involves acquiring total unit code which is input via input unit (300), total aspect, calculation **process** code, calculation **process** aspect and **execution order**. The total unit code and total aspect are **matched** and **stored** in total unit code definition file (410). The calculation process code and calculation process aspect are **matched** and stored in a calculation process definition file (420). Total unit code and the calculation process code are **matched** for obtaining **execution order** and are **stored** in total scenario definition file (430...).

...total aspect corresponds to total unit code. When calculation process aspect corresponds to calculation process code, calculation process definition file is acquired. Total aspect and **matched** calculation process aspect are sequentially referred. Then, final total result is obtained...

?